

CLAIMS

I/We Claim:

1. A card connector having a first receiving slot for receiving a first card, and a second receiving slot for receiving a second card that has a thickness smaller than the first card, comprising:

a stopper member supported in the first receiving slot by a supporting shaft, the stopper member pivots between a first position where the stopper member blocks the first receiving slot to prevent advancement of the first or second card, and a second position where advancement of the first or second card is unblocked; and

a cam member having a claw that abuts the stopper member to prevent the stopper member from pivoting to the second position and a cam surface that releases the claw from the stopper member when cam-engaged by the first card.

2. The card connector of claim 1, wherein the cam member is pivotally supported in the first receiving slot by a supporting shaft arranged perpendicular to the supporting shaft of the stopper member.

3. The card connector of claim 1, wherein the stopper member is biased toward the first position.

4. The card connector of claim 3, wherein the stopper member is biased by a torsion spring wound around the supporting shaft.

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5. The card connector of claim 1, wherein the claw is biased against the stopper member by a torsion spring.

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6. The card connector of claim 1, wherein the cam member has symmetrical first and second halves and a space for receiving the second card is formed between the cam surfaces of the halves.

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7. The card connector of claim 1, wherein the cam surface protrudes into the first receiving slot.

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8. The card connector of claim 1, further comprising a second stopper member and cam member arranged on an opposite side of the first receiving slot.

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9. A card advance checking device, comprising:
a stopper member supported in a card receiving slot by a supporting shaft, the stopper member pivots between a first position where the stopper member blocks the card receiving slot to prevent advancement of a card therein,

and a second position where advancement of the card therein is unblocked; and

a cam member pivotally supported in the card receiving slot by a supporting shaft arranged perpendicular to the supporting shaft of the stopper member, the cam member having a claw that abuts the stopper member to prevent the stopper member from pivoting to the second position, the cam member having a cam surface positioned such that when the card has a desired thickness, the cam member is cam-engaged by the card to release the claw from the stopper member.

10. The card advance checking device of claim 9, wherein the stopper member is biased toward the first position.

11. The card advance checking device of claim 9, wherein the claw is biased against the stopper member by a torsion spring.

12. The card advance checking device of claim 9, wherein the cam member has symmetrical first and second halves and a space for receiving the card with a thickness less than the desired thickness is formed between the cam surfaces of the halves.

13. The card advance checking device of claim 9, wherein the cam surface protrudes into the card receiving slot.

14. The card advance checking device of claim 9, further
5 comprising a second stopper member and cam member arranged on an opposite side of the card receiving slot.